

OIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/899,276

DATE: 11/14/2001  
TIME: 09:57:54

Input Set : A:\012627-023.txt  
Output Set: N:\CRF3\11142001\I899276.raw

ENTERED

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3 <110> APPLICANT: Rosl, Frank
4      Soto, Ubaldo
5      Coy, Johannes
6      Finzer, Patrick
7      Delius, Hajo
8      Poustka, Annemarie
9      zur Hausen, Harald
10     Patzelt, Andrea
12 <120> TITLE OF INVENTION: Novel Regulatory Sequences of the MCP-1 Gene
14 <130> FILE REFERENCE: 012627-023
16 <140> CURRENT APPLICATION NUMBER: US 09/899,276
17 <141> CURRENT FILING DATE: 2001-07-06
19 <150> PRIOR APPLICATION NUMBER: EP 00 114 560.6
20 <151> PRIOR FILING DATE: 2000-07-06
22 <160> NUMBER OF SEQ ID NOS: 12
24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 600
28 <212> TYPE: DNA
29 <213> ORGANISM: Homo sapiens
31 <400> SEQUENCE: 1
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33 tagaaatggt gatgatgtgt acatcaagca gggagaaaac caatgaacca gatgcgaatt 120
34 cgggccacaa ccaatgtcaa gggatgacaa ttagaaagga aggttgagtc aagggatttg 180
35 aatgttaggg tgaaaagtta ctactcaact ctgtaggtta aaaggaaacg ttgagaatct 240
36 tcagtccaat gaggagggat gtgccatgtt tagagattca gagataagtt tcaggaaatg 300
37 taacttatag attttataca tacacagaga aatacggact agtgagaagc tattgccatg 360
38 gtccaagcaa gagatgatga aggcctaaat atggagccaa agaggcagca atgaagaatg 420
39 agccatgcag ggtgaaatgc tgcattgtgt aaatggagga gaaagacctg tgacttcaga 480
40 tatgaaaacc tcatcttcaa cccacatttt aagggggcag cttccctgaa accagaatgt 540
41 gtttccttcc attactatac ccccatccca atctcaggca cctggaatca tccatttaaa 600
44 <210> SEQ ID NO: 2
45 <211> LENGTH: 200
46 <212> TYPE: DNA
47 <213> ORGANISM: Homo sapiens
49 <400> SEQUENCE: 2
50 tgcagctaac ttattttccc ctagctttcc ccagacacct tgttttattt tattataatg 60
51 aattttgttt gttgatgtga aacattatgc cttaagtaat gttattctt atttaagtta 120
52 ttgatgtttt aagtttatct ttcattgtac tagtggtttt tagatacaga gacttgggga 180
53 aattgctttt cctcttgtag 200
55 <210> SEQ ID NO: 3
56 <211> LENGTH: 150
57 <212> TYPE: DNA
58 <213> ORGANISM: Homo sapiens
60 <400> SEQUENCE: 3
61 caaagatcac attctagctc tgaggatatag gcagaagcac tgggatttaa tgagctcttt 60
62 ctcttctcct gcctgccttt tgctttttcc tcatgactct tttctgctct taagatcaga 120

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63 ataatccagt tcatacctaaa atgcttttttc 150
65 <210> SEQ ID NO: 4
66 <211> LENGTH: 250
67 <212> TYPE: DNA
68 <213> ORGANISM: Homo sapiens
70 <400> SEQUENCE: 4
71 aggccttctat gatgctacta ttctgcattt gaatgagcaa atggatttaa tgcattgtca 60
72 gggagccggc caaagcttga gagctccttc ctggctggga ggcccttgg aatgtggcct 120
73 gaagtaagc tggcagcgag cctgacatgc ttctatctag ttctctcgct tccttccttt 180
74 tctgcagttt tcgcttcaca gaaagcagaa tccttaaaaa taacctctt agttcacatc 240
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77 <210> SEQ ID NO: 5
78 <211> LENGTH: 300
79 <212> TYPE: DNA
80 <213> ORGANISM: Homo sapiens
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83 aaggaggagg cagtgggcta ggagaatcga gagatcagaa ttttaaactc agccagcca 60
84 ttaacatgcc tcaagtactc ctatcatatt tgtaagagac aacagttcac tgaaatgaat 120
85 tctaaggtct ttgggttttt atcagtgtgc ttctgtagtt tctgaggaaa tctaaggcac 180
86 aactgaggaa tgaagtcagg ctttccaatt cccgaaatac tcctccactg ctactcatg 240
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90 <210> SEQ ID NO: 6
91 <211> LENGTH: 300
92 <212> TYPE: DNA
93 <213> ORGANISM: Homo sapiens
95 <400> SEQUENCE: 6
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97 ctgaggcagg agaacctctt gaatccagga ggcgcagggt gcagtgcga gagatagtc 120
98 cactgcactc cagcctgggt gacagagtga gactctgtct caaaaaata aaataaaata 180
99 aaaaatgcag actgtgattc agcaggctctg gggtgaagcc cagaactctc tgataaatc 240
100 aatggcactt aactacttgg aggtcatgga tgcctttgct aatctaatag aagctactga 300
103 <210> SEQ ID NO: 7
104 <211> LENGTH: 650
105 <212> TYPE: DNA
106 <213> ORGANISM: Homo sapiens
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111 aagctgcctc ctcagagtgg gaatttccac tcaattctct cagccagca ctgacctccc 180
112 agcgggggag ggcattcttt cttgacagag cagaagtggg aggcagacag ctgtcacttt 240
113 ccagaagact ttcttttctg attcataccc ttcaccttcc ctgtgtttac tgtctgatat 300
114 atgcaaaggc caagtcactt tccagagatg acaactcctt cctgaagtag agacatgctt 360
115 ccaacactca gaagcctatg tgaacactca gccagcaaag ctggaagttt ttctctgtga 420
116 ccatgggcta attggtctcc ttctctggat tgtggcttat cagataaaaa caagtgaatc 480
117 atgccacagg atgtctataa gccattgat tctgggattc tatgagtgat gctgatatga 540
118 ctaagccagg agagacttat ttaaagatct cagcatcttt cagcttgtaa acctagagaa 600
119 aaccgaagc atgactggat tataaagga aattgaatgc ggtccaccaa 650
121 <210> SEQ ID NO: 8
122 <211> LENGTH: 20

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123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Part of 3'-DHSR
129 <400> SEQUENCE: 8
130 ggaaggttga gtcaaggatt 20
132 <210> SEQ ID NO: 9
133 <211> LENGTH: 21
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Oligonucleotide
140 <400> SEQUENCE: 9
141 gataaggtga ctcagaaaag g 21
143 <210> SEQ ID NO: 10
144 <211> LENGTH: 21
145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Oligonucleotide
151 <400> SEQUENCE: 10
152 ggaaggttga gtcaaggat t 21
154 <210> SEQ ID NO: 11
155 <211> LENGTH: 21
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Oligonucleotide
162 <400> SEQUENCE: 11
163 cgcttgatga ctcagccgga a 21
165 <210> SEQ ID NO: 12
166 <211> LENGTH: 25
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Oligonucleotide
173 <400> SEQUENCE: 12
174 ttttgattg aagccaatat gataa 25

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VERIFICATION SUMMARY

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